

Quality Control Lab Technician



What They Do

Quality Control (Q.C.) Laboratory Technicians are responsible for maintaining quality assurance processes, testing of products, and recording and analyzing results gathered during product development and production. They work to ensure that production or manufacturing processes and products created meet the quality specifications that are laid out by the company and federal and state health and safety standards.

Job Duties

- Collect regular samples for shelf life and analysis at the laboratory
- Conduct standardize tests on food, beverages, and additives
- Identify any product imperfections using chemical analysis or mechanical or electronic equipment
- Record and compile all test results and report all product inconsistencies or variations
- Maintain records of testing results or other documents as required by state or other governing agencies
- Ensure there is quality testing at all times and carry out inspections so as to meet the standard set by the company
- Encourage and enforce cleanliness on the part of the staff to ensure safe working conditions
- Focus on corrective actions in order to make sure the products meet required specifications

Job Earnings

***NYS Department of Labor Statistics
(2019 Median Annual Salary)*

\$36,868/year
(Average Salary in NYS)

\$14 - \$19 per hour
(hourly wage based on experience)

Education/Training

Most employers prefer applicants to have a four-year degree and one to two years of experience but this is changing, if the two-year educational program targets the necessary knowledge, and laboratory skills for these positions. Some employers prefer to hire quality control technicians who are certified (i.e. American Society for Quality).

Job Outlook

Employment of quality control technicians is projected to grow 4 percent from 2019 to 2029, about as fast as the average for all occupations.

Quality Control Lab Technician - Career Pathway

Ways to Start Preparing for Your Future Career TODAY!

1 Middle/High School Classes to Take:

- Agriculture Classes
- Biology
- Chemistry
- Family & Consumer Science
- Mathematics

2 Clubs/Extracurricular Activities:

- Future Farmers of America (FFA) (www.FFA.org)
- 4-H (www.4-H.org)
- Animal Science/Vet Camp for Grades 6-9 (www.BEAGenesee.com)

3 Local BOCES/Career & Technical Education Programs:

- Genesee Valley BOCES (www.GVBOCES.org)
 - Animal Science (Batavia & Mt. Morris Campuses)
- Monroe2-Orleans BOCES (www.Monroe2BOCES.org)
 - Phlebotomy & Laboratory Science
- Orleans-Niagara BOCES (www.ONBOCES.org)
 - Animal Science

4 Volunteer Opportunities:

- FeedMore WNY (www.FeedMoreWNY.org)
- Foodlink (www.FoodlinkNY.org)
- Meals on Wheels (www.MealsonWheelsAmerica.org)
- GLOW Region Food Pantries & Distribution Centers (check local listings)

5 Local Colleges/Training:

- Colleges:
 - Erie Community College (www.ECC.edu)
 - Monroe Community College (www.MonroeCC.edu)
 - Cornell University (www.Cornell.edu)